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| logo_1.jpg College of Science (CSCI) MAJOR: (Chemistry, B.A./B.S.)  CSCI EETF (Educational Effectiveness Task Force) |

**PROGRAM STUDENT LEARNING OUTCOMES**

 2014

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| Students graduating with a (Chemistry B.A/B.S) from Cal State East Bay will be able to: | I.L.O. Alignment |
| 1 |  demonstrate knowledge in the various areas of chemistry, including inorganic chemistry, analytical chemistry, organic chemistry, physical chemistry, and biochemistry. |  I.L.O. 6 |
| 2 |  work effectively and safely in a laboratory environment to perform experimental procedures and operate modern chemical/biochemical instruments. |  I.L.O. 5, 6 |
| 3 |  use quantitative reasoning to analyze chemical problems and evaluate chemical data. |  I.L.O. 1, 6 |
| 4 |  write and speak clearly on chemical or biochemical issues. |  I.L.O. 2, 6 |
| 5 |  work collaboratively in teams to solve chemical problems. |  I.L.O. 4, 6 |
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